View, add and edit your notes in the app

Coursera - Create your first Amazon Aurora Database in AWS

Generated on December 14, 2023

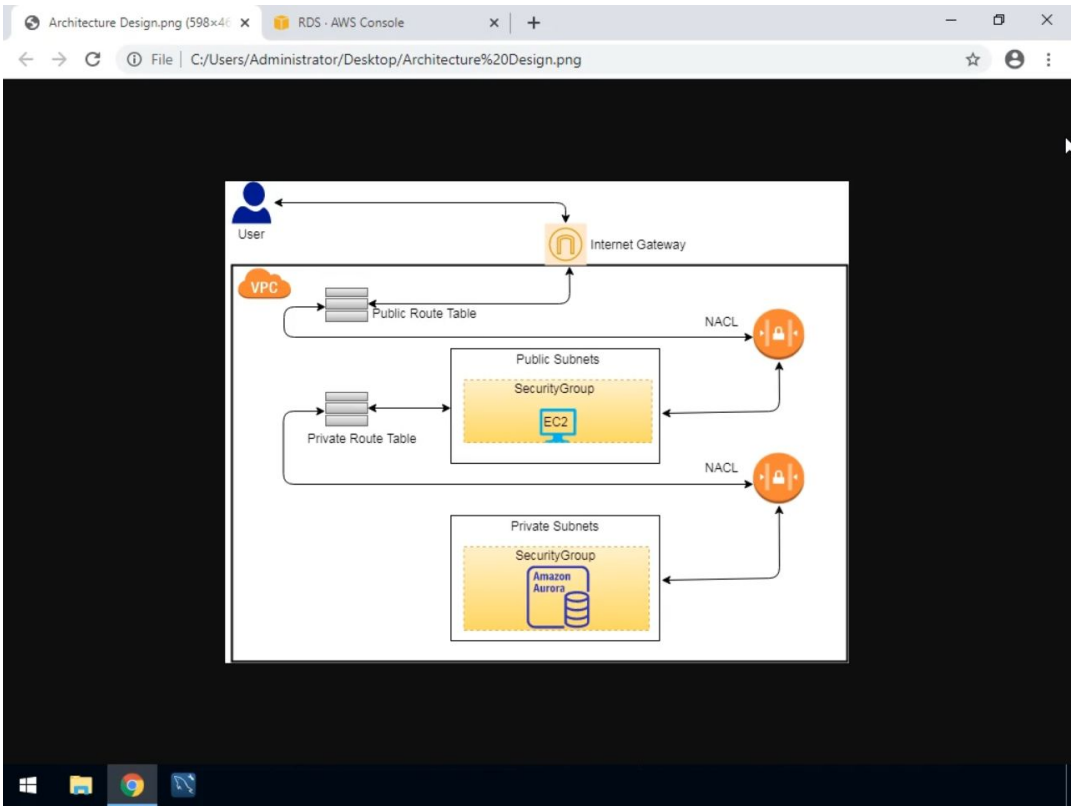
Summary

Notes	Screenshots	Bookmarks
3	16	0

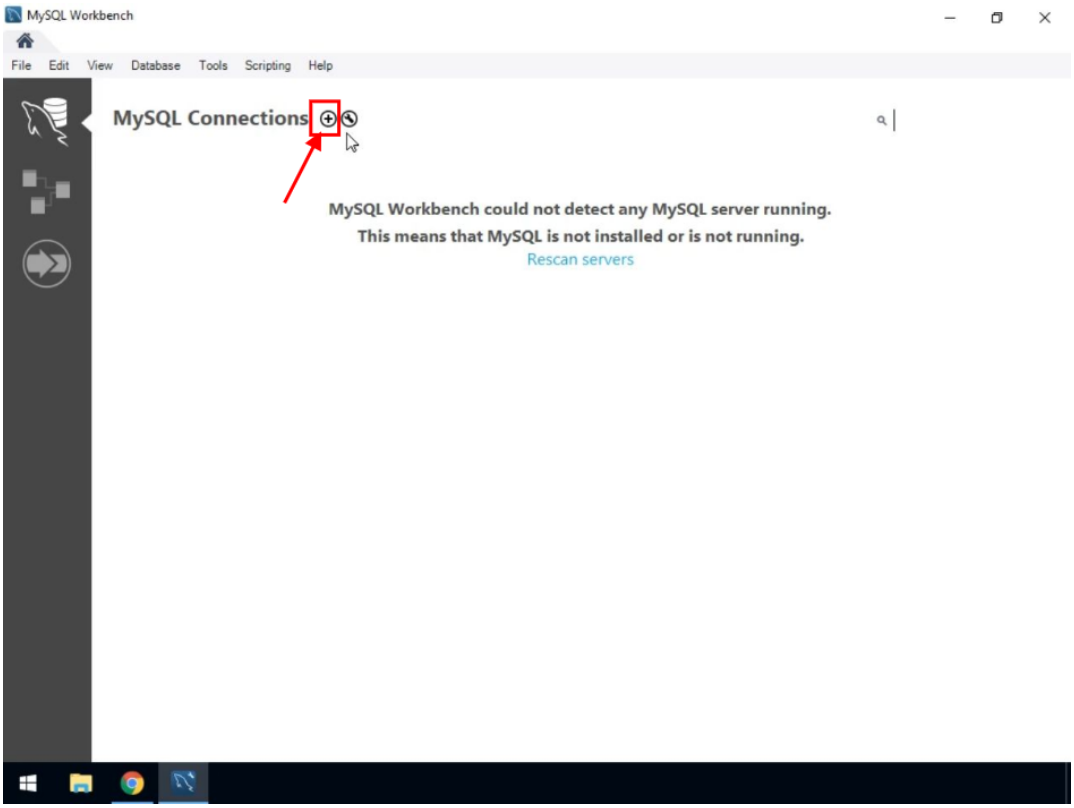
in this task we will connect to our amazon aurora database

from our cloud desktop using MySql Workbench

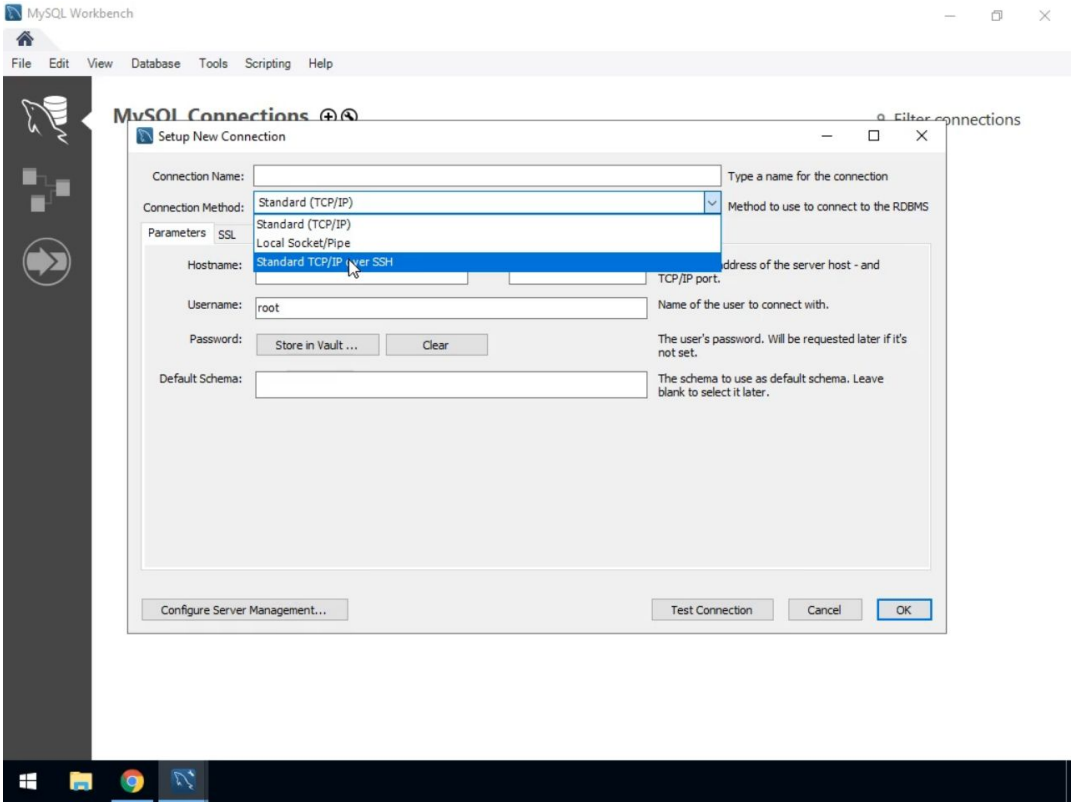
0:05



0:26



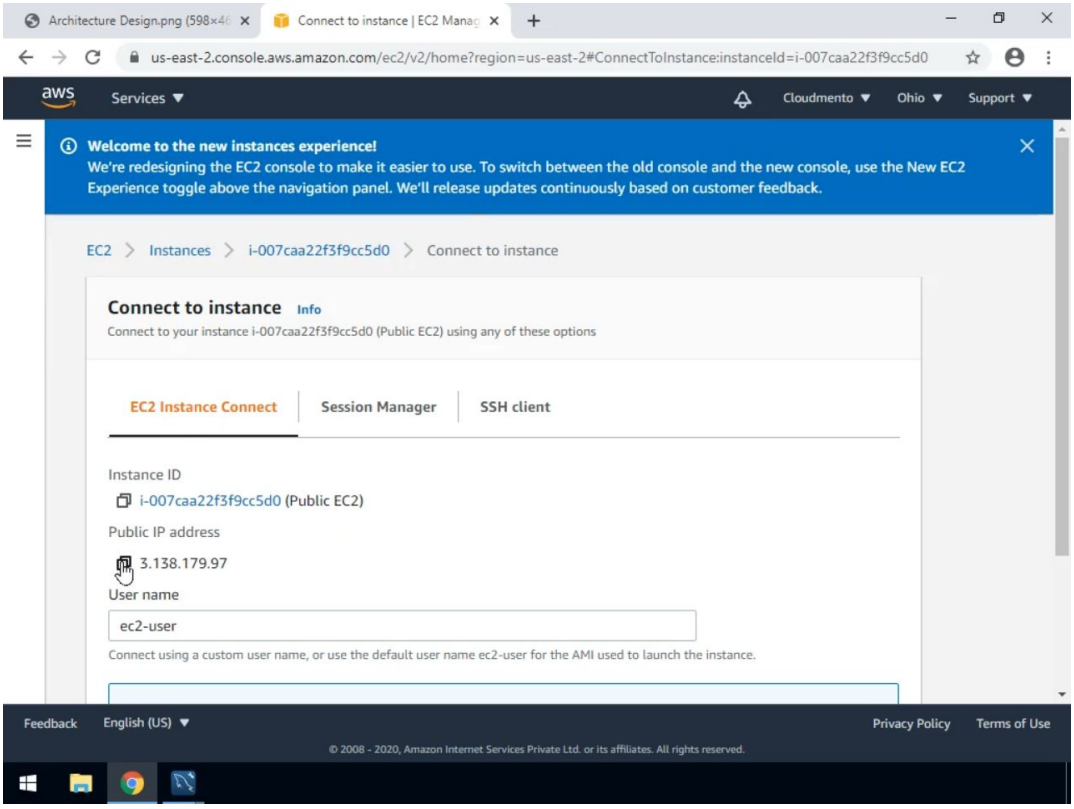
2:12



2:18

we will give the public IP address of our EC2 intance

2:35


Architecture Design.png (598×4
Connect to instance | EC2 Manag
us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#ConnectToInstance:instanceId=i-007caa22f3f9cc5d0
aws
Services
Cloudmento
Ohio
Support
Welcome to the new instances experience!
We're redesigning the EC2 console to make it easier to use. To switch between the old console and the new console, use the New EC2 Experience toggle above the navigation panel. We'll release updates continuously based on customer feedback.
EC2 > Instances > i-007caa22f3f9cc5d0 > Connect to instance
Connect to instance Info
Connect to your instance i-007caa22f3f9cc5d0 (Public EC2) using any of these options
EC2 Instance Connect
Session Manager
SSH client
Instance ID
i-007caa22f3f9cc5d0 (Public EC2)
Public IP address
3.138.179.97
User name
ec2-user
Connect using a custom user name, or use the default user name ec2-user for the AMI used to launch the instance.
Feedback
English (US)
Privacy Policy
Terms of Use
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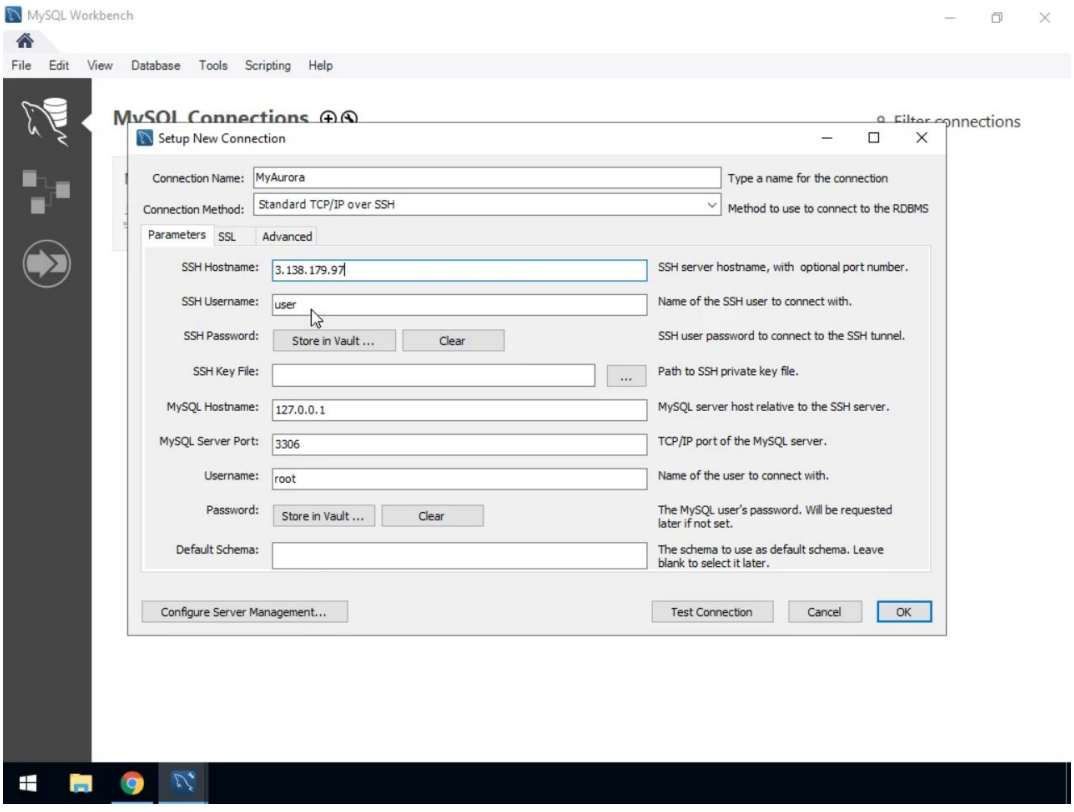
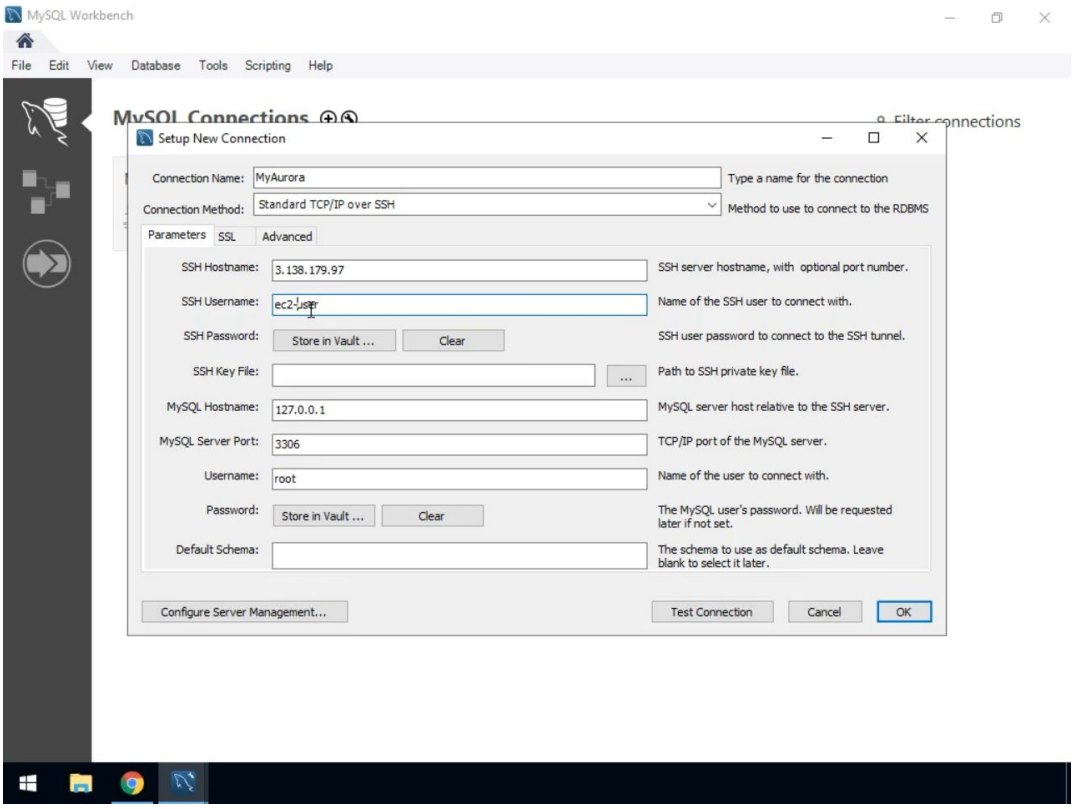
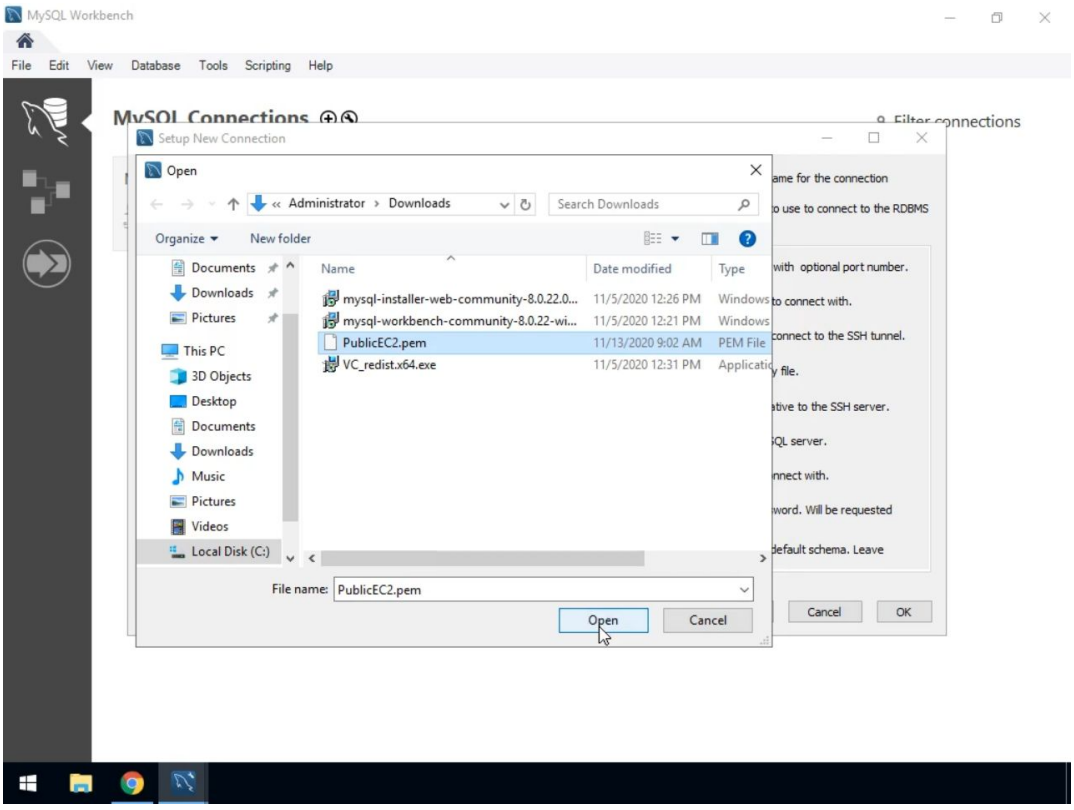
3:08


MySQL Workbench
File Edit View Database Tools Scripting Help
MySQL Connections
Setup New Connection
Connection Name: MyAurora
Type a name for the connection
Connection Method: Standard TCP/IP over SSH
Method to use to connect to the RDBMS
Parameters SSL Advanced
SSH Hostname: 3.138.179.97
SSH server hostname, with optional port number.
SSH Username: user
Name of the SSH user to connect with.
SSH Password: Store in Vault ... Clear
SSH user password to connect to the SSH tunnel.
SSH Key File:
Path to SSH private key file.
MySQL Hostname: 127.0.0.1
MySQL server host relative to the SSH server.
MySQL Server Port: 3306
TCP/IP port of the MySQL server.
Username: root
Name of the user to connect with.
Password: Store in Vault ... Clear
The MySQL user's password. Will be requested later if not set.
Default Schema:
The schema to use as default schema. Leave blank to select it later.
Configure Server Management...
Test Connection
Cancel
OK

3:21


MySQL Workbench
File Edit View Database Tools Scripting Help
MySQL Connections
Filter connections
Setup New Connection
Connection Name: MyAurora
Type a name for the connection
Connection Method: Standard TCP/IP over SSH
Method to use to connect to the RDBMS
Parameters SSL Advanced
SSH Hostname: 3.138.179.97
SSH server hostname, with optional port number.
SSH Username: ec2-user
Name of the SSH user to connect with.
SSH Password: Store in Vault ... Clear
SSH user password to connect to the SSH tunnel.
SSH Key File:
Path to SSH private key file.
MySQL Hostname: 127.0.0.1
MySQL server host relative to the SSH server.
MySQL Server Port: 3306
TCP/IP port of the MySQL server.
Username: root
Name of the user to connect with.
Password: Store in Vault ... Clear
The MySQL user's password. Will be requested later if not set.
Default Schema:
The schema to use as default schema. Leave blank to select it later.
Configure Server Management...
Test Connection
Cancel
OK

3:26

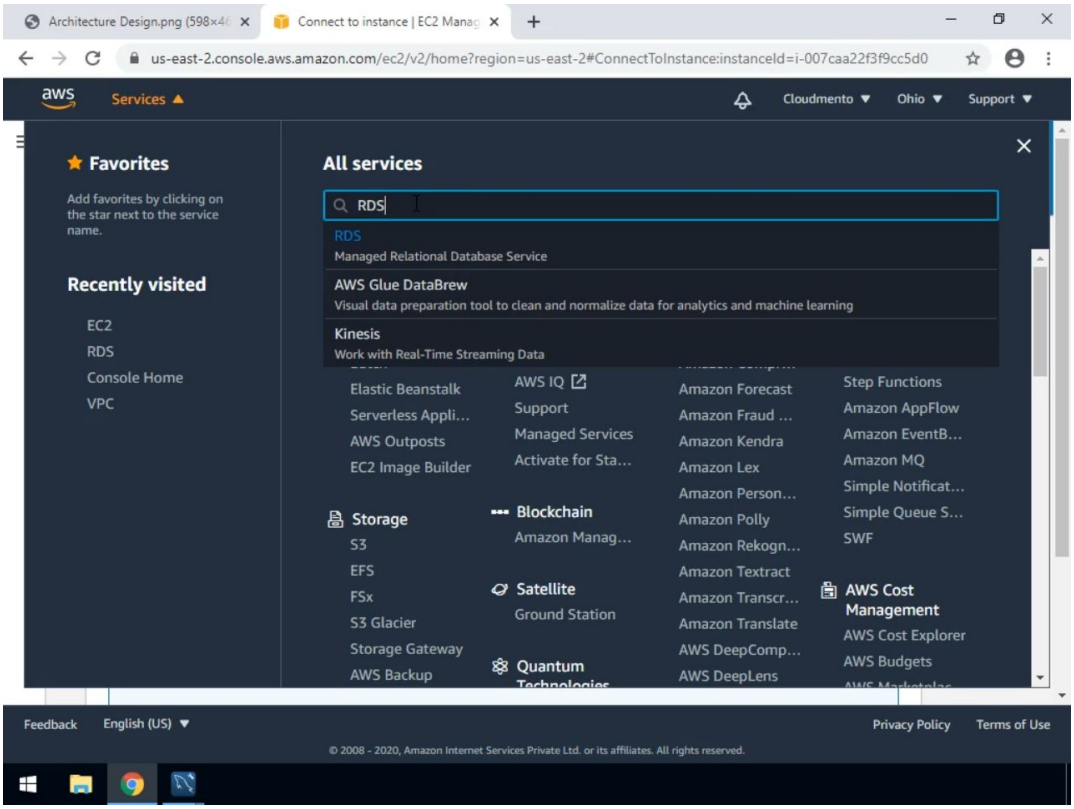

MySQL Workbench
File Edit View Database Tools Scripting Help
MySQL Connections
Filter connections
Setup New Connection
Open
Administrator › Downloads
Search Downloads
Organize
New folder
Documents
Downloads
Pictures
This PC
3D Objects
Desktop
Documents
Downloads
Music
Pictures
Videos
Local Disk (C:)
Name
Date modified
Type
mysql-installer-web-community-8.0.22.0...
11/5/2020 12:26 PM
Windows
mysql-workbench-community-8.0.22-wi...
11/5/2020 12:21 PM
Windows
PublicEC2.pem
11/13/2020 9:02 AM
PEM File
VC_redist.x64.exe
11/5/2020 12:31 PM
File name: PublicEC2.pem
Open
Cancel
Cancel
OK

▷ 3:43

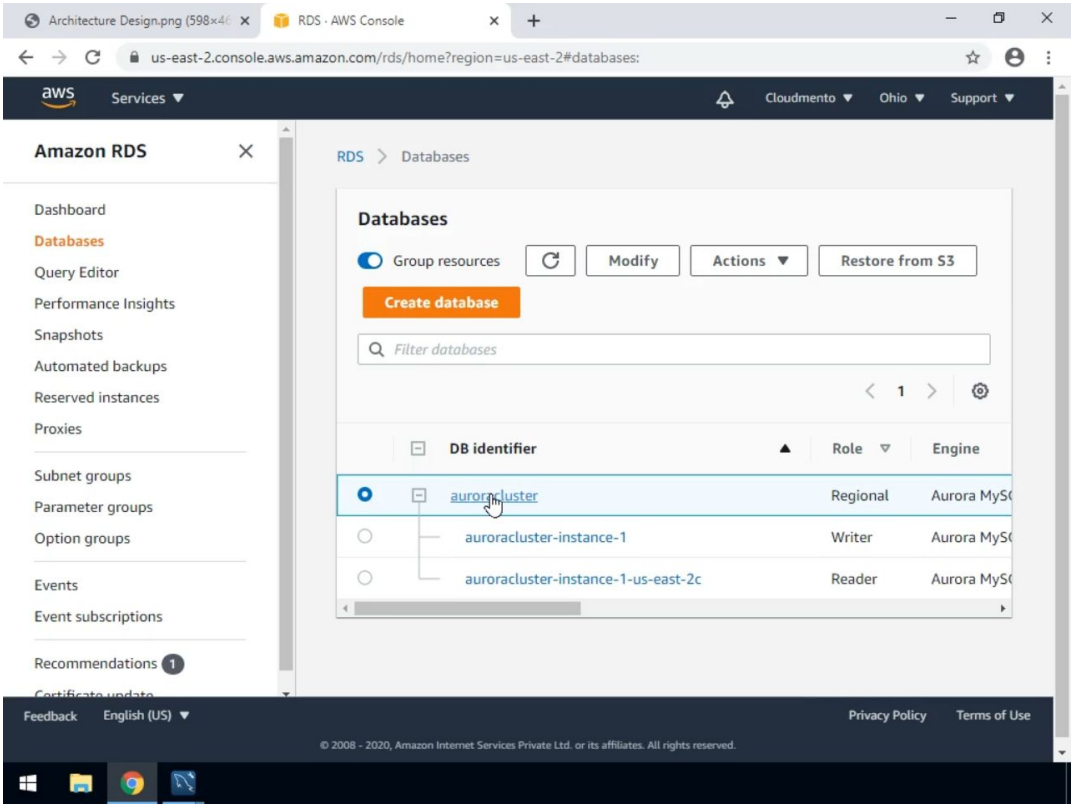
SSH key Files : we will upload the key-pair

of our ec2-instance that we downloaded

▷ 3:46



▷ 4:06


Architecture Design.png (598×4
RDS - AWS Console
us-east-2.console.aws.amazon.com/rds/home?region=us-east-2#databases:
aws
Services
Cloudmento
Ohio
Support
Amazon RDS
Dashboard
Databases
Query Editor
Performance Insights
Snapshots
Automated backups
Reserved instances
Proxies
Subnet groups
Parameter groups
Option groups
Events
Event subscriptions
Recommendations 1
RDS > Databases
Databases
Group resources
Modify
Actions
Restore from S3
Create database
Filter databases
1
DB identifier
Role
Engine
auroracluster
Regional
Aurora MyS
auroracluster-instance-1
Writer
Aurora MyS
auroracluster-instance-1-us-east-2c
Reader
Aurora MyS
Feedback
English (US)
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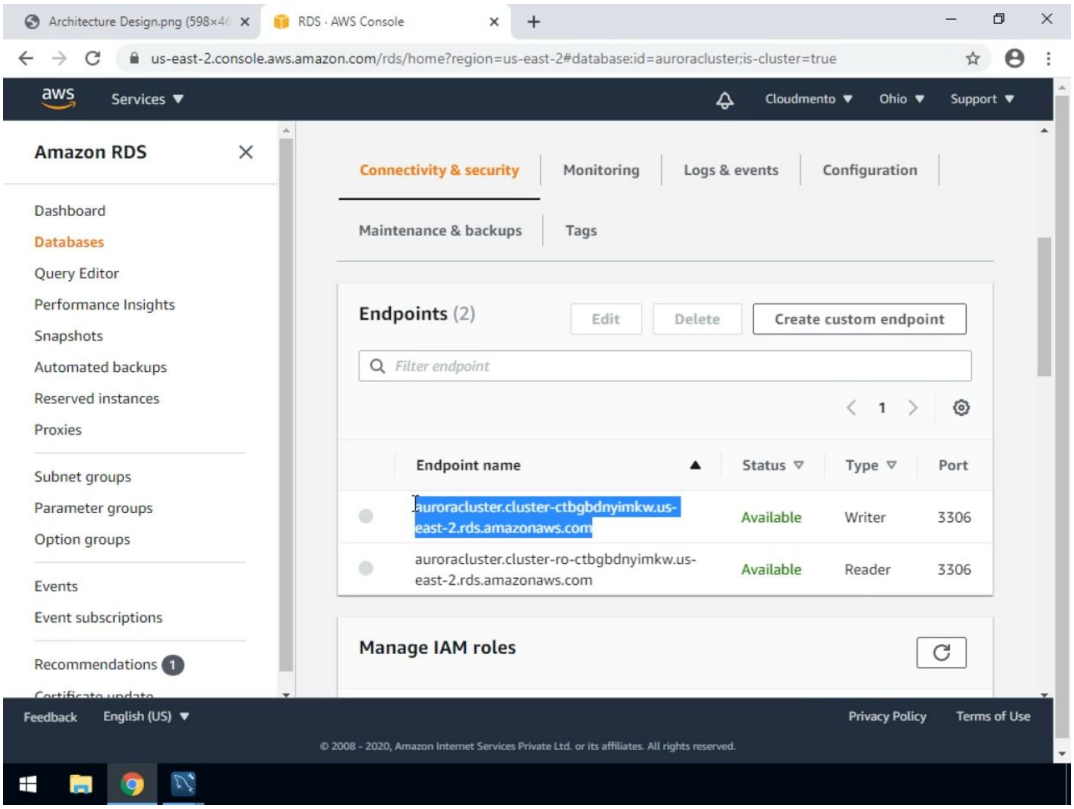
4:16


Architecture Design.png (598×4
RDS - AWS Console
us-east-2.console.aws.amazon.com/rds/home?region=us-east-2#database:id=auroracluster;is-cluster=true
aws
Services
Cloudmento
Ohio
Support
Amazon RDS
Dashboard
Databases
Query Editor
Performance Insights
Snapshots
Automated backups
Reserved instances
Proxies
Subnet groups
Parameter groups
Option groups
Events
Event subscriptions
Recommendations 1
Connectivity & security
Monitoring
Logs & events
Configuration
Maintenance & backups
Tags
Endpoints (2)
Edit
Delete
Create custom endpoint
Filter endpoint
1
Endpoint name
Status
Type
Port
auroracluster.cluster-ctbgbdnyimkw.us-east-2.rds.amazonaws.com
Available
Writer
3306
auroracluster.cluster-ro-ctbgbdnyimkw.us-east-2.rds.amazonaws.com
Available
Reader
3306
Manage IAM roles
Feedback
English (US)
Privacy Policy
Terms of Use
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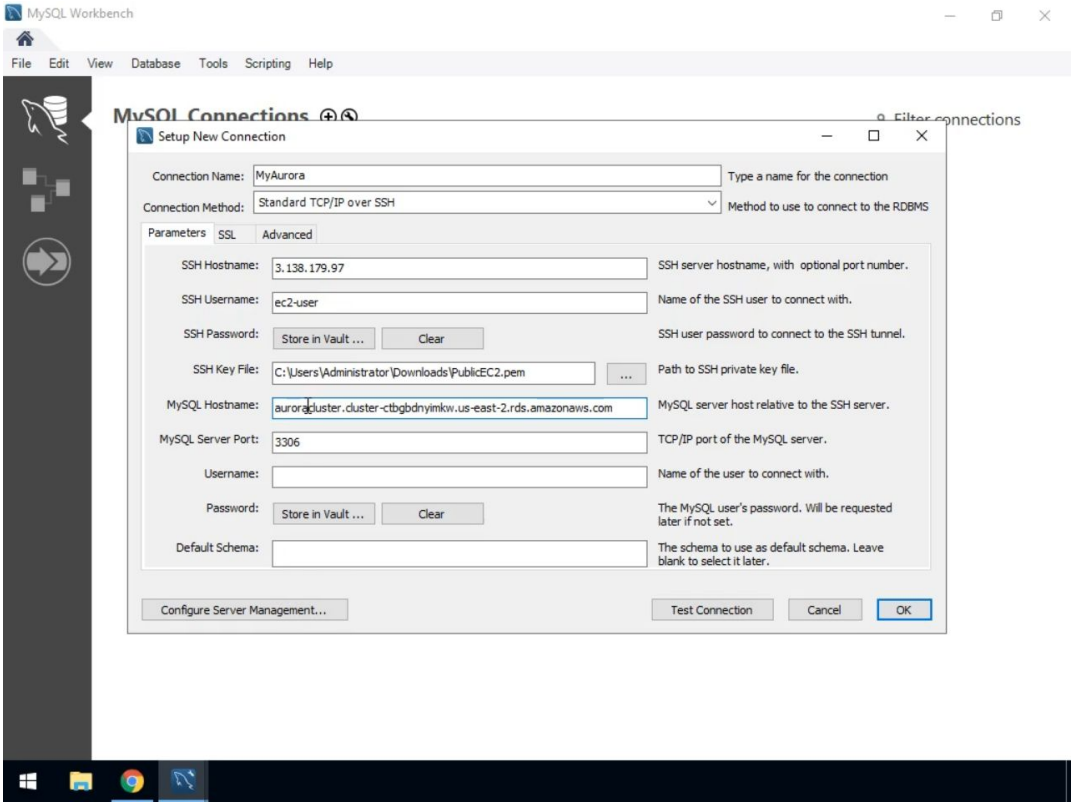
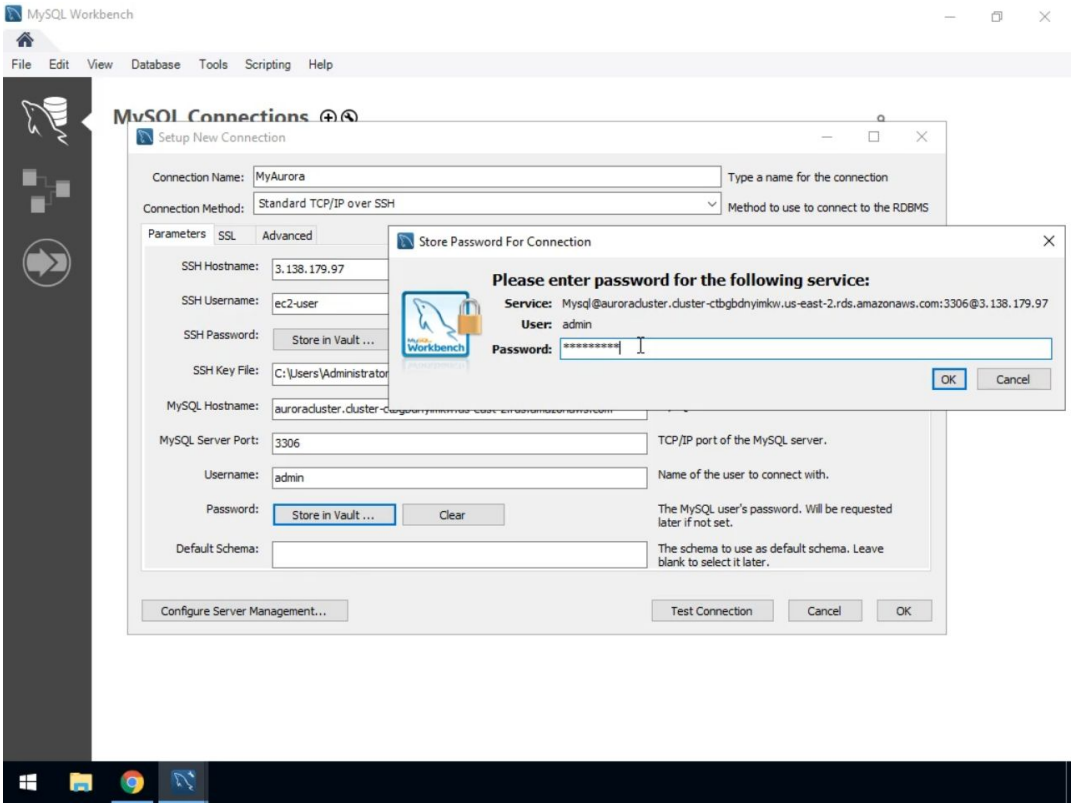
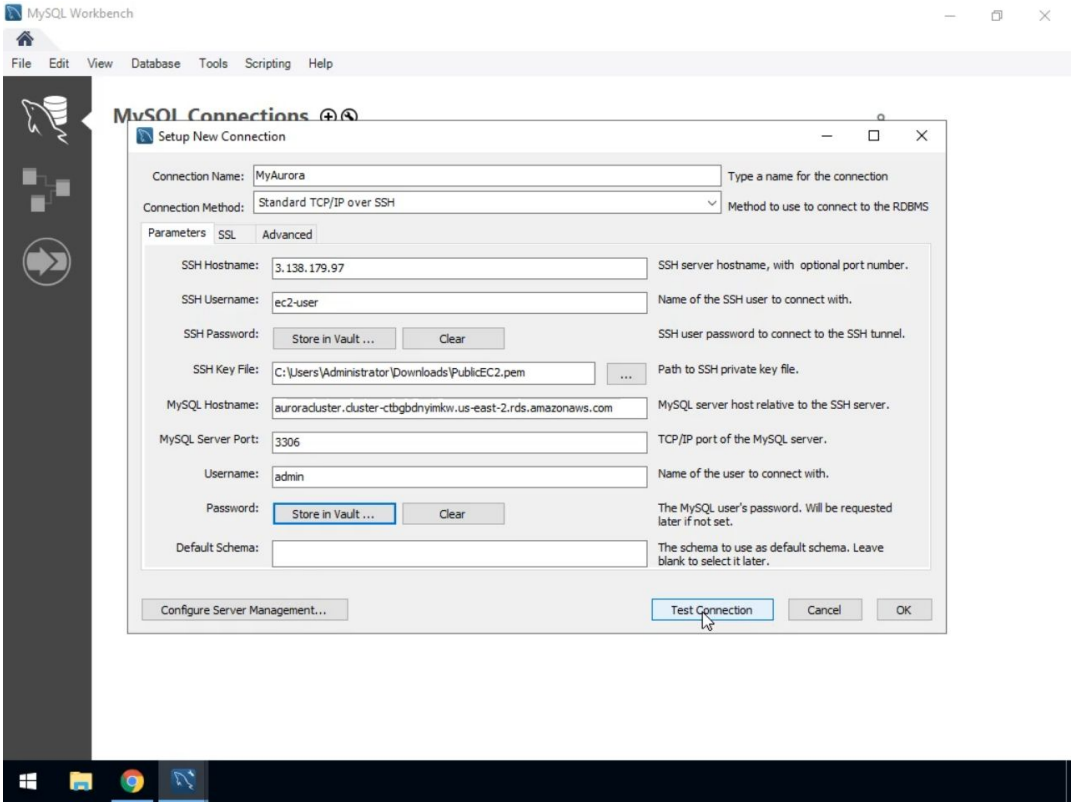
4:39


MySQL Workbench
File Edit View Database Tools Scripting Help
MySQL Connections
Filter connections
Setup New Connection
Connection Name: MyAurora
Type a name for the connection
Connection Method: Standard TCP/IP over SSH
Method to use to connect to the RDBMS
Parameters SSL Advanced
SSH Hostname: 3.138.179.97
SSH server hostname, with optional port number.
SSH Username: ec2-user
Name of the SSH user to connect with.
SSH Password: Store in Vault ... Clear
SSH user password to connect to the SSH tunnel.
SSH Key File: C:\Users\Administrator\Downloads\PublicEC2.pem
Path to SSH private key file.
MySQL Hostname: auroracluster.cluster-ctbgbdnyimkw.us-east-2.rds.amazonaws.com
MySQL server host relative to the SSH server.
MySQL Server Port: 3306
TCP/IP port of the MySQL server.
Username:
Name of the user to connect with.
Password: Store in Vault ... Clear
The MySQL user's password. Will be requested later if not set.
Default Schema:
The schema to use as default schema. Leave blank to select it later.
Configure Server Management...
Test Connection
Cancel
OK

4:52


MySQL Workbench
File Edit View Database Tools Scripting Help
MySQL Connections
Setup New Connection
Connection Name: MyAurora
Type a name for the connection
Connection Method: Standard TCP/IP over SSH
Method to use to connect to the RDBMS
Parameters SSL Advanced
SSH Hostname: 3.138.179.97
SSH Username: ec2-user
SSH Password: Store in Vault ...
SSH Key File: C:\Users\Administrator
MySQL Hostname:
MySQL Server Port: 3306
TCP/IP port of the MySQL server.
Username: admin
Name of the user to connect with.
Password: Store in Vault ... Clear
The MySQL user's password. Will be requested later if not set.
Default Schema:
The schema to use as default schema. Leave blank to select it later.
Configure Server Management...
Test Connection
Cancel
OK
Store Password For Connection
Please enter password for the following service:
Service: Mysql@auroracluster.cluster-ctbgbdnyimkw.us-east-2.rds.amazonaws.com:3306@3.138.179.97
User: admin
Password: *********
OK
Cancel

5:13


MySQL Workbench
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Connection Name: MyAurora
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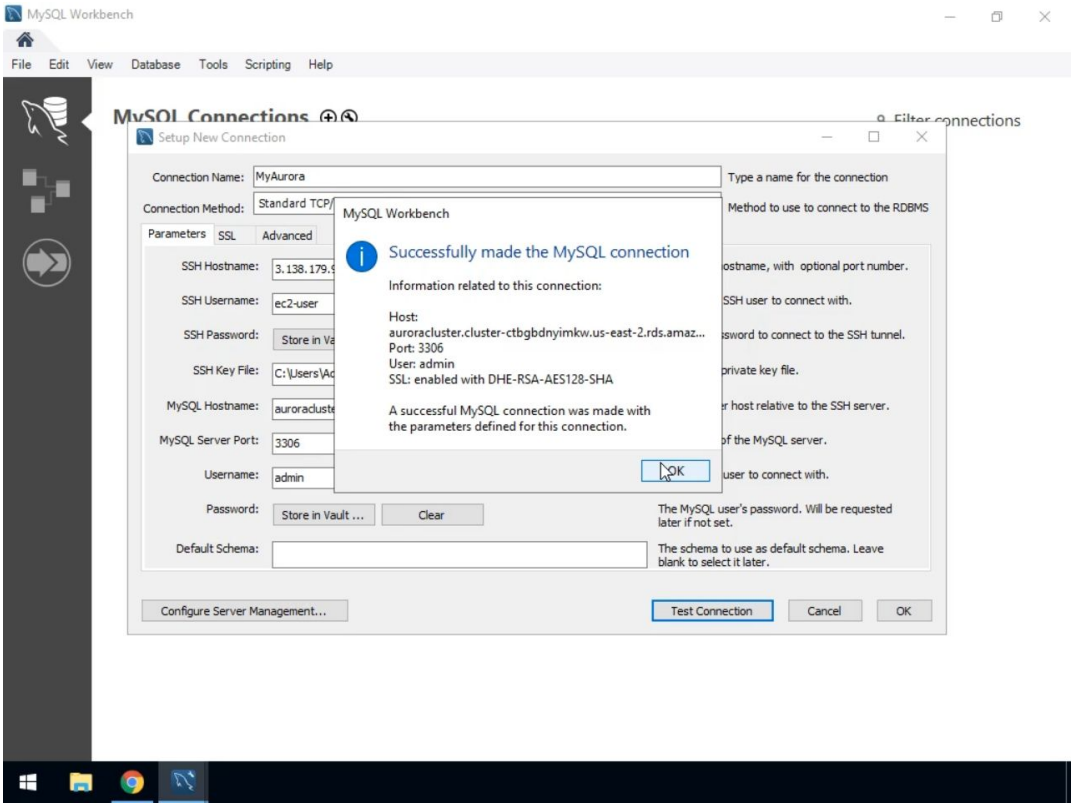
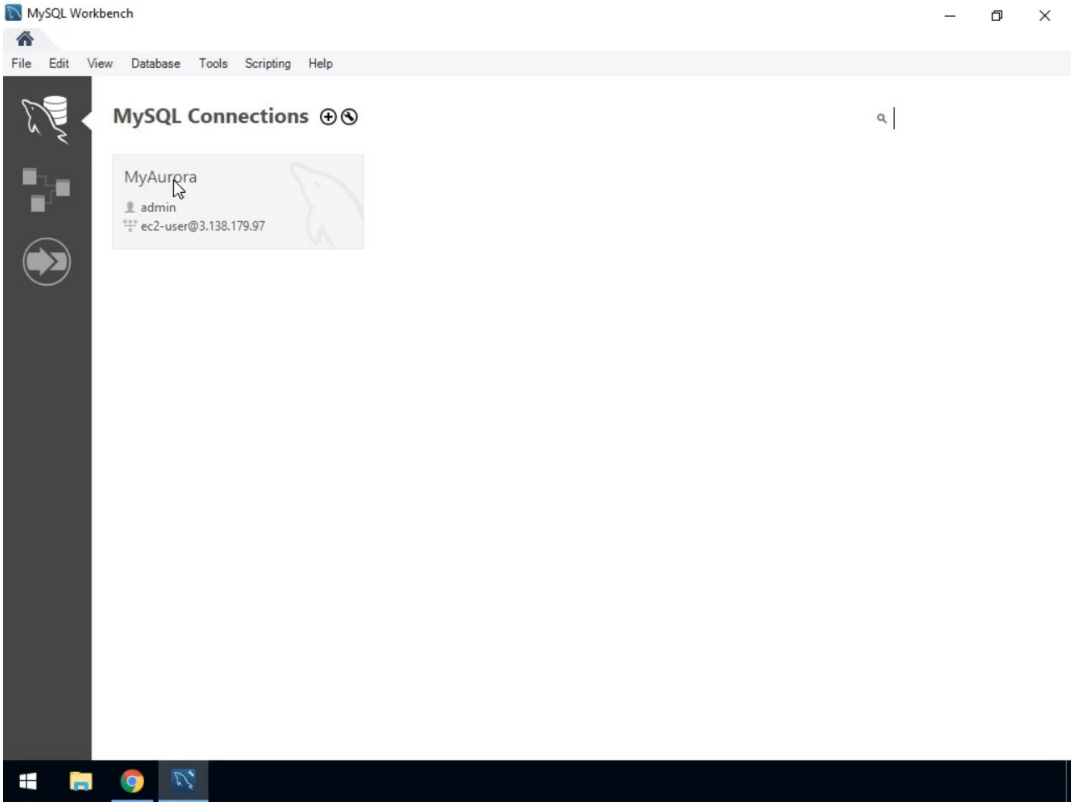
Method to use to connect to the RDBMS
Parameters SSL Advanced
SSH Hostname: 3.138.179.97
SSH server hostname, with optional port number.
SSH Username: ec2-user
Name of the SSH user to connect with.
SSH Password: Store in Vault ... Clear
SSH user password to connect to the SSH tunnel.
SSH Key File: C:\Users\Administrator\Downloads\PublicEC2.pem
Path to SSH private key file.
MySQL Hostname: auroracluster.cluster-ctbgbdnyimkw.us-east-2.rds.amazonaws.com
MySQL server host relative to the SSH server.
MySQL Server Port: 3306
TCP/IP port of the MySQL server.
Username: admin
Name of the user to connect with.
Password: Store in Vault ... Clear
The MySQL user's password. Will be requested later if not set.
Default Schema:
The schema to use as default schema. Leave blank to select it later.
Configure Server Management...
Test Connection
Cancel
OK

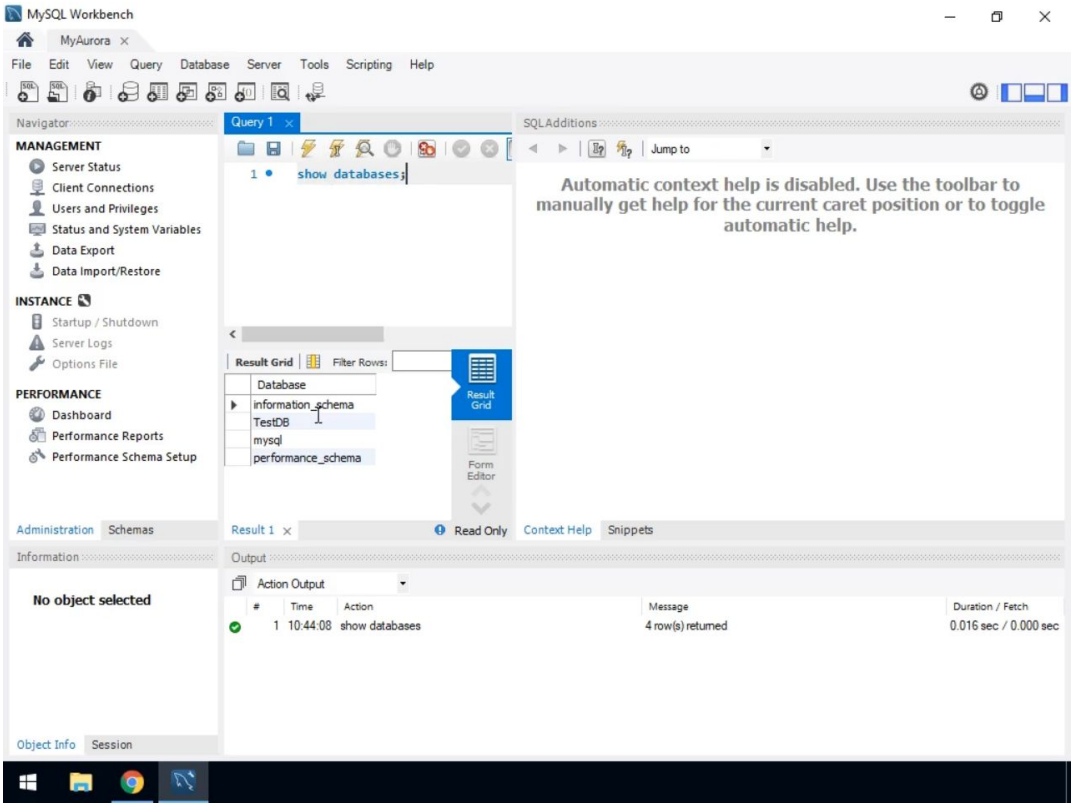
5:18


MySQL Workbench
File Edit View Database Tools Scripting Help
MySQL Connections
Setup New Connection
Connection Name: MyAurora
Type a name for the connection
Method to use to connect to the RDBMS
MySQL Workbench
Successfully made the MySQL connection
Information related to this connection:
Host:
auroracluster.cluster-ctbgbdnyimkw.us-east-2.rds.amaz...
Port: 3306
User: admin
SSL: enabled with DHE-RSA-AES128-SHA
A successful MySQL connection was made with the parameters defined for this connection.
OK
Parameters SSL Advanced
SSH Hostname:
SSH Username: ec2-user
SSH Password:
SSH Key File:
MySQL Hostname:
MySQL Server Port: 3306
Username: admin
Password: Store in Vault ... Clear
The MySQL user's password. Will be requested later if not set.
Default Schema:
The schema to use as default schema. Leave blank to select it later.
Configure Server Management...
Test Connection
Cancel
OK

5:34


MySQL Workbench
File Edit View Database Tools Scripting Help
MySQL Connections
MyAurora
admin
ec2-user@3.138.179.97

5:39


MySQL Workbench
MyAurora
File Edit View Query Database Server Tools Scripting Help
Navigator
MANAGEMENT
Server Status
Client Connections
Users and Privileges
Status and System Variables
Data Export
Data Import/Restore
INSTANCE
Startup / Shutdown
Server Logs
Options File
PERFORMANCE
Dashboard
Performance Reports
Performance Schema Setup
Administration Schemas
Information
No object selected
Object Info Session
Query 1
1 show databases;
Result Grid Filter Rows:
Database
information_schema
TestDB
mysql
performance_schema
Result Grid
Form Editor
Result 1
Read Only
SQL Additions
Jump to
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
1 10:44:08 show databases 4 row(s) returned 0.016 sec / 0.000 sec

6:03